

## ABSTRACT

A mechanical world timepiece having a transmission  
5 mechanism which allows the time display, such as, for  
example, a 12-hour hand and/or a 24-hour hand, to be  
directly adjusted with a turning ring having 24 time  
zones. The timepiece serves for the easily manageable  
adjustment of the time zone and the reading of the time  
10 in a different time zone. Operation could not be simpler.  
After a lever has been opened, the mechanism in fig. 1  
automatically engages. The gear rim (6), which is fixed  
with the turning ring, drives a vertical drive wheel (5),  
which is connected by a shaft to a clutch wheel (4). Once  
15 the pinion (4) is engaged, it drives one or two minute  
wheels (8, 9), which move a 12-hour wheel (10) and a 24-  
hour wheel (11) in a 1h-cycle. The turning ring is thus  
easily turned to the desired destination at 12h and the  
local time can immediately be read. Either the turning  
20 ring is now turned back to its original locality or the  
lever is simply closed. In the latter case, the time now  
continues running according to the set destination. The  
push-piece (2) disengages the mechanism via a rocker (3),  
simultaneously fixes, in the closed state, the gear rim  
25 (6) and prevents accidental adjustment of the time. The  
transmission mechanism can also be used for setting or  
changing other time displays, such as date, day of the  
week, month, year, minutes, or for other functions such  
as an alarm.